

Dryden Research Library

Newsletter

April 2001

Dryden Research Library is located in Bldg. 4800 Room 2412. Contact us at Ext. 3702 or 3127. Check out our home page:
<http://www.dfrc.nasa.gov/organizations/Library/index.html>.
You can email Barbara Rogers or Cheryl Logan for any of your library needs. The library Newsletter is best viewed using Eudora 4.3.

For Your Information

In celebration of National Library Week please join the NASA Dryden Research Library Open House:
on Friday, April 6th from 1:00 to 3:00 p.m
Bldg. 4800 Room 2412. There will be demonstrations of NASA Galaxie & RECONplus/ASAP databases, drawings for prizes, and free bookmarks, magnets, posters, and stickers.
Cake and punch will be served.

The Research Library web page has been recently updated. Some of the great new links that have been added include:

Conference Announcements - This provides links to AIAA, ASME, IEEE, ISA, ITF, ITEA, SAE, SETP, SPIE, and SFTE conferences and meetings.

AIAA Journals and Meeting Papers - Access for 2001, 1997-2000 will be available some time later.

DigiDoc - Many of the NACA Annual Reports (AR) , Research Memorandum (RM) , Technical Memorandum (TM) , Technical Notes (TN) , Technical Reports (TR) , and Warton Reports (WR) have been scanned in and can now be downloaded to your desktop.

NASA Standards Home Page - Website of the new NASA Technical Standards Program

RTA - Research and Technology Agency - This was previously called AGARD (Advisory Group for Aerospace Research & Technology).

The Virtual Technical Reports Center - this is based at the University of Maryland and has links to many Institutions that provide either full-text reports, or searchable extended abstracts of their technical reports on the World Wide Web.

Other electronic journals include the Elsevier Journals which can be accessed through the Science Direct link on the Library Home page. The IEEE/IEE Electronic Library link provides all their recent journals, standards, and conference proceedings in electronic format. Many NASA Reports can be downloaded electronically using the NASA Technical Report Server. Library searches can be performed using Aeronautics and Space Access Page or ASAP link. ASAP Registration is required for limited distribution reports. See Barbara Rogers for more information.

New Books

The Library has received several new books:

NASA SP-2001 Humans To Mars: Fifty Years OF Mission Planning 1950-2000;

G123 .U561 2000 World Factbook 2000 United States Central Intelligence;

T212 .B33 2000 Scientific American Inventions From Outer Space: Everyday Uses For NASA Technology by David Baker;

Z 253 .U58 2000 Style Manual / United States Government Printing Office

T385 .S53 1998 Powerpoint 98 For The Macintosh: Advanced by Kevin A. Siegel;
HD69 .T54 K63 1998 The 80/20 Principle: The Secret Of Achieving More With Less by Richard Koch;
TK5105 .73 .L43 1995 Reference Only Using Eudora by Dee-Ann and Robert LeBlanc;
TK5105 .875 .I57 D47 1994 The Internet Guide For New Users by Daniel P. Dern;
TL545 A252 A 1989 Aerospace, The Challenge by Harold R. Bacon;
BF448 .K43 1988 Analogical Problem Solving by Mark T. Keane;
G70.4 .B37 1982 Introduction To Environmental Remote Sensing by E. C. Barrett;
QD251.2 .C36 Part B Advanced Organic Chemistry by Francis A. Carey and Richard J. Sundberg;
TL671.2 .N5 Fundamentals Of Aircraft Design by Leland M. Nicolai;

THIS MONTH IN HISTORY

Apr. 9, 1953 - First NACA flight of XF-92A, a delta-wing aircraft to study the problem of pitching up during maneuvering caused by the delta configuration.

Apr. 5, 1963 - M2-F1 lightweight lifting body was towed into the air over Rogers Dry Lake for the first time by a Pontiac convertible tow vehicle with Milt Thompson the pilot. Set the stage for research with several lifting body designs to study atmospheric flight of a vehicle somewhat like a space shuttle.

Apr. 25, 1967 - First NASA flight of the XB-70A with Air Force Col. Joe Cotton and NASA research pilot Fitz Fulton at the controls. The XB-70 flights investigated the stability and handling qualities of large, delta-wing aircraft flying at high rates of speed.

Apr. 14, 1981 - 320,000 people at Edwards watched Columbia, the first space shuttle, land. Dryden VIPs numbered 20,000, and 300,000 were at the East Shore public viewing site.

Apr. 2, 1985 - Steve Ishmel was the first NASA pilot to fly the X-29 research aircraft investigating forward-swept wings, composite construction concepts, and integrated flight controls.

April 5, 1990 - Pegasus® space booster successfully air-launched from NASA's B-52 in one of the first successful flights of a commercially developed space launch vehicle placing a payload into earth orbit. The launch, was off the California coast, with a NASA-Navy payload placed in a polar orbit 320 miles high.

April 23, 1992 - First flight of an X-31 aircraft from Dryden following relocation of X-31 International Test Organization from Air Force Plant 42, Palmdale, in a DOD study of thrust vectoring for air combat at high angles of attack. Karl Lang of the German firm Messerschmitt-Bolkow-Blohm one of the participating firms in the project, was the pilot.

Apr. 21, 1993 - The F-15 HIDECA was landed using only engine power to turn, climb, and descend. Gordon Fullerton was the pilot on this milestone event, which was part of what became the Propulsion Controlled Aircraft project.